Federal Funding for Biomass
Summary Chart
November, 2006

Continuing Solicitations

Award	*Source*	*Summary*	*Deadlines*	*Amount*	*Eligibility*	*Link*	*Other*
National Research Initiative (NRI) Competitive Grants Program USDA-CSREES-NRI-000141	USDA	Supports research, extension, and education grants that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture. The FY07 program will accept applications for fundamental research, mission-linked research, and integrated research, extension, and education projects.	Posted Date: 9/14/2006 Applications must be received by the date appropriate to the program area listed at the end of the FY2007 Request for Applications (see link)	Estimated total program funding: $181M Award Ceiling: $1.5M Award Floor: $5,000	Nonprofits, institutions of higher education, individuals, state/county/city/township governments, small business, other for-profits, tribal organizations	http://www.csrees.usda.gov/funding/rfas/pdfs/07_nri.pdf	
Continuation of Solicitation for the Office of Science Financial Assistance Program DE-PS02-07ER07-01	DOE Office of Science	Continuing interest in receiving grant applications for support of work in the following program areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing, Fusion Energy Sciences, Biological and Environmental Research (BER), and Energy Research Analyses. There are two categories that best apply to biomass: Basic Energy Sciences (d) Energy Biosciences and BER (a)Life Sciences Research.	Posted on October 5, 2006 Applications due October 1, 2007, 8:00 PM Eastern Time	It is anticipated that approximately $400M will be available for awards in FY07.	None specified.	http://www.er.doe.gov/grants/FAPN07-01.html Energy Biosciences Contact: (301) 903-3427 Life Sciences Research Contact: (301) 903-5648	There are Program Contacts listed under each category and subcategory. More information about the BER program can be found at www.science.doe.gov/ober

New Solicitations (Contingent upon FY2007 Appropriations)

Award	*Source*	*Summary*	*Deadlines*	*Amount*	*Eligibility*	*Link*	*Other*
Bioenergy Research Centers DE-PS02-06ER64304	DOE Office of Biological and Environmental Research (BER)	Requests that the scientific community submit applications for the establishment of GTL Bioenergy Research Centers that develop novel biological solutions for the production of such fuels as cellulosic ethanol or hydrogen, or for other groundbreaking bioenergy research with the potential to revolutionize biology-based energy production. The Centers will conduct comprehensive, integrated research and training programs in energy-related systems and synthetic biology.	Issue Date: 8/01/06 Letter of Intent Due: 12/05/06 Application Due Date: 2/01/07, 8:00PM Eastern	DOE intends to fund up to two research Centers. Each Center will be funded up to $125M over 5 years: $25M in first year for startup costs and $25M per year for operations during the subsequent 4 years. Cost sharing is not required.	All types of domestic legal entities, including DOE/NNSA FFRDC Contractors, except other Federal agencies and section 501(c)(4) nonprofits (engage in lobbying activities)	http://genomicsgtl.energy.gov/centers/ Contact: Vicki Phillips (630) 252-2622 vicki.phillips@ch.doe.gov	*Does not include funding for construction of new buildings. *Proposals should focus on the development of a single research Center.
Plant Feedstock Genomics for Bioenergy DE-PS02-07ER07-03	DOE Office of Biological and Environmental Research (BER) jointly with the USDA Cooperative State Research, Education, and Extension Service (CSREES)	Receiving applications for genomics-based research that will lead to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks. Specifically sought for fundamental research on plants that will improve biomass characteristics, biomass yield, or that will facilitate lignocellulosic degradation. Systems biology approaches to identify genetic indicators enabling plants to be efficiently bred or manipulated, or research that yields fundamental knowledge of the structure, function and organization of plant genomes leading to improved feedstock characterization and sustainability are also encouraged. Research applications are solicited in the area of improved fundamental understanding of lignocellulosic accumulation and regulation that will lead to improved utilization of plant biomass for the production of fuels such as ethanol or renewable chemical feedstocks.	Issue Date: 10/10/06 Pre-application Due: 11/13/06, 4:30 PM Eastern Application Due: 1/30/07, 8:00 PM Eastern	Up to $3M will be available for multiple awards. Number of awards contingent upon satisfactory peer review, availability of funds and the size of awards. Max award size: $500,000 Min: $100,000 Applications may request project support for up to 3 years. Cost sharing not required.	U.S. Colleges and Universities, nonprofits, for-profit commercial organizations, state and local governments and unaffiliated individuals, state agricultural experiment stations, other research institutions and organizations, federal agencies and national laboratories.	http://genomicsgtl.energy.gov/research/DOEUSDA/ and www.grants.gov Funding Opportunity Number: DE-PS02-07ER07-03 Grant Officer: Deborah Greenawalt (301) 903-4074 deb.greenawalt@science.doe.gov	Faculty at small and mid-sized academic institutions with limited institutional success and faculty at institutions in USDA EPSCoR entities are encouraged to apply.

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Federal Loan Guaranteed for Projects that Employ Innovative Technologies in Support of the Advanced Energy Initiative DE-PS01-06LG00001	DOE Loan Guarantee Program Office	Loan guarantees that promote the President's Advanced Energy Initiative (AEI): Eligible projects (1) avoid, reduce, or sequester air pollutants or anthropogenic emissions of greenhouse gases; and (2) employ new or significantly improved technologies. The focus of this solicitation is on those technology areas that are in furtherance of the goals of the AEI. Projects must employ a technology that fits within the following categories: (subcategories are examples and not exclusive) 1. Biomass: a) Bioenergy Projects described in Section 932 (d) of EPAct 2005 b) Biofuels Production, Distribution and Infrastructure	Issue Date: August 8, 2006 Pre-Application Due: 11/6/06 (Then DOE has to extend an invitation to submit an application)	DOE intends to limit the total dollar amount of the loan guarantee commitments under this Solicitation to no more than $2 billion.	Any firm, corporation, company, partnership, association, society, trust, joint venture, joint stock company, or governmental non-Federal entity, that has the authority to enter into, and is seeking, a loan guarantee issues by the Secretary for a debt obligation of an Eligible Project.	http://www.lgprogram.energy.gov/Solicitationfinal.pdf	Other Categories: Hydrogen, Solar, Wind & Hydropower, Fossil Energy Coal, Carbon Sequestration Practices and Technologies, Efficient Electricity Transmission and Delivery and Energy Reliability, Alternative Fuel Vehicles, Industrial Energy Efficiency Projects, Pollution Control Equipment.
Biorefinery Construction	DOE	Part of President Bush's Biofuels Initiative. The goal of the solicitation is to demonstrate that commercial biorefineries can be profitable once initial construction costs are paid.	DOE announced the solicitation February 22, 2006 Closed August, 2006	$160M in cost-shared funding is available over three years to construct up to three biorefineries. There is a $100M cap on any single demonstration award. Projects are required to show a 60/40 (industry/government) cost share.			

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Development of Robust, Highly Efficient Fermentive Organisms for the Conversion of Lignocellulosic Biomass to Ethanol DE-PS36-07GO97002	DOE EERE Office of the Biomass Program	Requesting applications for the development of a highly efficient fermentive organism for the conversion of lignocellulosic biomass to ethanol. The organism must be able to survive a wide range of environmental conditions and be genetically stable. Must be willing and able to take the strains to a commercial scale and have a sound business strategy to license and market the organism. By the end of the period of performance, the organism will have been developed and successfully tested in at least a stimulated, integrated operation at real processing conditions. Applicant must identify its target high impact feedstock (one that is at sustainable quantities exceeding 100M tons per year)	Issue Date: 10/19/06 Letter of Intent Due: 11/16/06 Application Due: 01/04/2007, 11:59 PM Eastern	$17M is expected to e available in FY07 for new awards **subject to the availability of appropriated funds.** An additional $10M is expected to be available in FY08 and FY09 subject to availability of appropriated funds. ***Topic Area 1:*** 1-2 awards anticipated. Max Award: $5M Min: $500,000 Cost share is 20% of total allowable costs from non-Fed sources ***Topic Area 2:*** 2-4 awards anticipated Max Award: $10M Min: $2M Cost Share is 50% of total from non-Fed sources.	All types of domestic entities eligible to apply, except other Federal agencies and section 501(c)(4) nonprofit organizations.	Www.grants.gov Funding Opportunity Number: DE-PS36-07GO97002 Grant Officer: James Damm (303) 275-4744 james.damm@go.doe.gov	Requesting applications related to two separate topic areas: ***Topic Area 1:*** Fermentive organism capable of fermenting C5 and C6 sugars, currently at the developmental Stage 2 on a commercial track ***Topic Area 2:*** currently at Stage 3 *awards anticipated to run for 36 months.
Request for Proposals for Woody Biomass Utilization Grant – Forest Restoration Activities on National Forest System Lands	USDA Forest Service	Requests proposals for forest product projects that increase the use of woody biomass from national forest system lands. Intended to help improve forest restoration activities by using and creating markets for small-diameter material and low-valued trees removed from forest restoration activities, such as reducing hazardous fuels, handling insect and diseased conditions, or treating forestlands impacted by catastrophic weather events. Targeted to help communities, entrepreneurs and others turn residues from forest restoration activities into marketable forest products and/or energy products.	Pre-application deadline: 11/3/06 Full Application deadline: 2/2/07	At least $4 million is available for granting under this program. Individual grants will not be less than $50,000 or more than $250,000. **Funds are presently not available for this grant program, they are contingent upon the availability of 2007 appropriated funds.** Must demonstrate at least 20% match from non-Fed sources (cash or in-kind)	State, local and tribal governments, school districts, communities, nonprofit organizations, businesses, companies, or special purpose districts, e.g. public utilities districts, fire districts, conservation districts or ports.	http://www.fpl.fs.fed.us/tmu/grant-2007/biomass-grant.html	